ABSTRACT:

The present invention is a system and method for printing facial images of people, captured automatically from a sequence of images, onto coupons or any promotional printed material, such as postcard, stamp, promotional brochure, or tickets for movie or show. The coupon can also be used as a means to encourage people to visit specific sites as a way of promoting goods or services sold at the visited site. The invention is named UCOUPON. A plurality of Computer Vision algorithms in the UCOUPON processes a plurality of input image sequences from one or a plurality of means for capturing images that is pointed at the customers in the vicinity of the system in an uncontrolled background. The coupon content is matched by the customer's demographic information, and primarily, the UCOUPON system does not require any customer input or participation to gather the demographic data, operating fully independently and automatically. The embodiment of the UCOUPON system can be integrated into any public place, which requires the usage of coupons, such as existing checkout counters of the retail store environment. The UCOUPON can also be integrated into a stand-alone system, such as a coupon Kiosk system.